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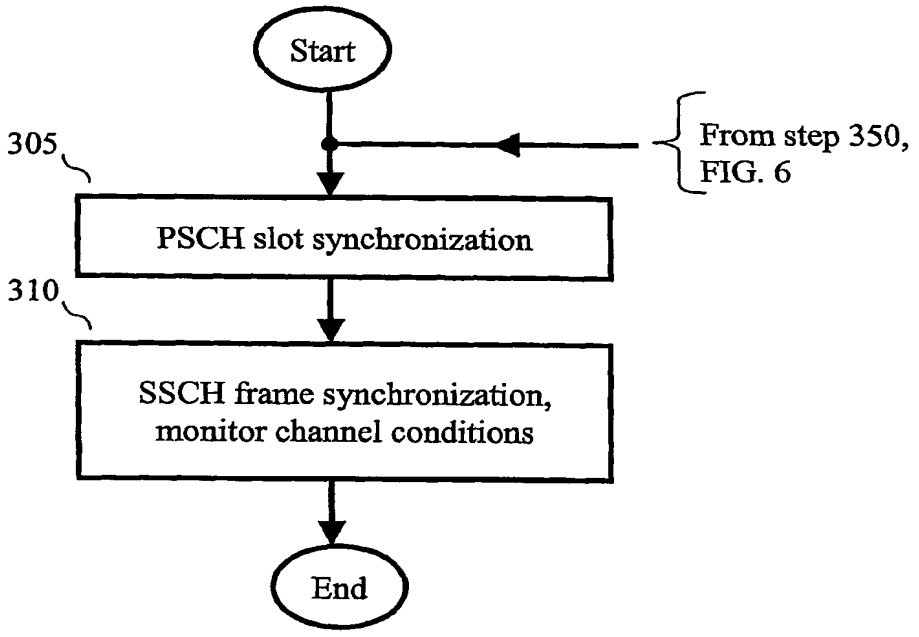
(54) Title: FRAME SYNCHRONIZATION IN A UNIVERSAL MOBILE TELEPHONE SYSTEM RECEIVER



(57) Abstract: A Universal Mobile Telephone System (UMTS) receiver performs slot synchronization using a received primary synchronization channel (PSCH) (305). Subsequent to completion of slot synchronization, the UMTS receiver performs frame synchronization using a received secondary synchronization channel (SSCH) (320) in such a way that the UMTS receiver uses the received primary synchronization channel (PSCH) to detect a change in channel conditions (325, 330, 335, 350, 355, 360).

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